

Abstract of the Disclosure

5 A continuous pulp digester having an elongate  
horizontally aligned pressure vessel through which  
the wood chips and digesting fluid flow in a  
forward direction. In a first and second  
embodiments within the pressure vessel there is an  
inner container defining an elongate chamber or  
passageway having a square cross sectional  
10 configuration. In a third embodiment the  
digesting chamber is cylindrical. At locations  
along the digester, there are several pair of  
liquid flow inlets and liquid flow outlets which  
enable filtrate from a pulp washer and a digesting  
15 agent to be moved into and across the digesting  
chamber to flow out the flow outlets. These are  
recirculated in a net upstream flow pattern toward  
the outlet end of the digester, and discharged as  
black liquor at different locations in the  
20 digester.